

PURIFICATION METHOD OF FOMITELLA FRAXINEA RDAGB 129 EXTRACTS**Publication number:** KR9711556B**Publication date:** 1997-07-12**Inventor:** YUN SANG-HONG (KR); KIM YANG SUB (KR); LIM JAE-HYUN (KR); HWANG YOUNG-SOO (KR); CHA DONG-YUL (KR); PARK YONG-HWAN (KR)**Applicant:** RURAL DEV ADMIN (KR)**Classification:****- international:** (IPC1-7): A61K35/84**- european:****Application number:** KR19930028570 19931220**Priority number(s):** KR19930028570 19931220**Report a data error here****Abstract of KR9711556B**

Extracts and its crude polysaccharides from *Formitella fraxinea* useful as anticancer agent, immunity enhancer and functional foods are described. Extracts obtained from title mushroom in hot water is centrifuged and filtered. Ethanol is added 2 times by volume to filtrate and precipitates is formed. Precipitates is suspension-washed and freeze-dried to obtain crude polysaccharide composed of glucose : galactose : mannose : xylose : fucose : ribose at the weight ratio of 100 : 50 : 54 : 7 : 14 : 13. Above crude polysaccharides are separated by anion exchange resin column chromatography to obtain neutral polysaccharides and acidic polysaccharides having a different weight ratio.

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